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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In resemblication of: Liu, et al.

Serial No.: 10/608,404

Confirmation No.: 7966

Filed:

June 26, 2003

For:

Method and Composition

for Polishing a Substrate

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Group Art Unit: 1742

Examiner:

Michael P. Alexander

MAIL STOP AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 CERTIFICATE OF MAILING 37 CFR 1.8

I hereby certify that this correspondence is being deposited on December 8, 2005 with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

December 8, 2005

Date

Brian K. Hrna

Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While the information submitted in this Supplemental Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

The Commissioner is hereby authorized to charge the sum of \$180.00 due under 37 CFR § 1.17(p) pursuant to § 1.97, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/APPM/005699.P3/BKH.

Respectfully submitted,

Brian K. Hrna

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number 10/608,404

Filing Date June 26, 2003

First Named Inventor Liu, et al.

Art Unit 1742

Examiner Name Michael P. Alexander

(Use as many sheets as necessary)

Substitute or form 1449A/PTO

Sheet 1 of 2 Attorney Docket Number APPM/005699.P3/PPC/CMP/CKIM

Examiner	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevan
initials *		Number - Kind Code ² (if known)			Passages or Relevant Figures Appear
	A1	US-4,369,099	1/18/1983	Kohl, et al.	
	A2	US-5,843,032	12/1/1998	Kastenhofer	
-	. A3	US-6,447,668	9/10/2002	Wang	
	A4	US-6,596,152	7/22/2003	Yang, et al.	
	A5	US-6,653,242	11/25/2003	Sun, et al.	
	A6	US-6,699,299	3/2/2004	Sanchan, et al.	
	A7	US-6,736,952	3/18/2004	Emesh, et al.	
	A8	US-2002/0108864	8/15/2002	Yang, et al.	
	A9	US-2002/0139055	10/3/2002	Asano, et al.	
	A10	US-2004/0144038	7/29/2004	Siddiqui	
	A11	US-2005/0145507	07/07/05	Sun, et al.	
	A12	US-2005/0218010	10/06/05	Wang, et al.	
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FOREIGN PATENT DOCUMENTS						
Cuaminas	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	ť⁵
Examiner Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (<i>if known</i>)				
	B1	WO 01/77241	10/18/2001	Sun, et al.		
	B2	WO 99/46353	9/16/1999	Li		
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Examiner Signature	Date Considered	

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 10/608,404 Filing Date June 26, 2003 First Named Inventor Liu, et al. Art Unit 1742 Michael P. Alexander Examiner Name

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NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of T² Cite Examiner the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. Initials No. C₁ Deshpande, et al., "Chemical Mechanical Planarization of Copper: Role of Oxidants and Inhibitors", Journal of The Electrochemical Society, pp. G788-G794 (2004). C2 Economikos, et al., "Integrated Electro-Chemical Mechanical Planarization (Ecmp) for Future Generation Device Technology", 2004 IEEE, pp. 233-235. Goonetilleke, et al., "Voltage-Induced Material Removal for C3 Electrochemical Mechanical Planarization of Copper in Electrolytes Containing NO -3, Glycine, and H2O2, Electrochemical and Solid-State Letters, pp. G190-G193 (2005). C4 Steigerwald, et al., "Effect of Copper lons in the Slurry on the Chemical-Mechanical Polish Rate of Titanium", J. Electrochem. Soc., Vol. 141, No. 12, December 1994, pp. 3512-3516.

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